Confidential

AMERICAN CONSULATE GENERAL
NOV 12 1942
BEIRUT, SYRIA

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1942

J. A. BROWN, DIRECTOR

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STATISTICS DIVISION

SEPTEMBER 1942
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45	Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.3	56.0	56.6	56.3	31.6	22.9	26.6	31.2	25.4	27.7
2	7.6	7.5	8.3	7.8	30.6	23.3	25.4	29.9	25.4	26.9
3	8.9	8.3	8.4	8.5	32.2	23.3	26.2	31.3	25.8	27.8
4	7.9	6.5	6.3	6.9	32.7	23.1	26.2	31.5	25.4	27.7
5	5.8	5.0	6.1	5.6	32.2	23.2	28.6	31.2	25.8	28.5
6	55.5	55.0	55.9	55.5	31.5	24.3	25.6	29.9	26.4	27.3
7	7.3	7.6	8.0	7.6	32.0	25.0	27.1	30.7	25.8	27.9
8	8.3	8.2	8.5	8.3	31.3	22.7	26.8	29.8	25.7	27.4
9	7.9	7.0	7.2	7.4	31.1	21.6	25.8	30.0	25.0	26.9
10	7.0	6.3	6.7	6.7	30.8	22.9	25.1	30.8	25.8	27.2
11	57.8	58.3	59.2	58.4	30.3	21.6	25.8	29.4	24.4	26.5
12	60.6	60.4	61.2	60.7	30.3	21.4	25.0	29.1	24.1	26.1
13	1.0	0.9	1.8	1.2	30.4	21.8	24.7	29.6	23.8	26.0
14	1.6	1.6	1.9	1.7	29.1	22.1	26.1	27.9	23.9	26.0
15	1.6	0.4	0.1	0.7	30.4	23.3	25.0	29.4	25.6	26.7
16	59.3	58.1	57.8	58.4	31.6	22.6	24.7	30.0	26.1	26.9
17	7.9	7.4	8.4	7.9	31.7	23.2	25.8	30.7	25.0	27.2
18	8.3	8.5	9.7	8.8	30.8	22.8	25.2	29.7	25.8	26.9
19	60.6	9.9	60.4	60.3	30.3	22.3	27.3	29.6	24.1	27.0
20	0.4	9.2	58.9	59.5	30.7	21.2	24.3	30.8	24.0	26.4
21	57.7	57.1	57.5	57.4	30.4	21.2	23.8	29.6	24.0	25.8
22	8.0	7.2	7.9	7.7	30.0	21.1	24.2	29.7	23.6	25.8
23	8.6	7.9	8.2	8.2	30.4	21.1	24.0	29.8	23.6	25.8
24	8.2	7.9	8.2	8.1	30.4	21.7	24.1	29.0	24.1	25.7
25	8.3	8.1	7.7	8.0	29.6	21.8	23.7	27.9	23.5	25.0
26	57.1	56.8	56.7	56.9	29.6	22.0	23.8	28.7	23.9	25.5
27	7.5	7.4	8.2	7.7	30.3	21.8	24.7	30.0	24.4	26.4
28	9.7	9.9	60.0	9.9	30.2	21.8	25.5	29.5	24.5	26.5
29	60.9	61.6	1.3	61.2	29.7	21.4	23.9	28.8	23.7	24.5
30	1.6	0.5	0.1	0.7	30.2	21.8	24.5	29.5	24.4	26.1
	58.64	58.21	58.57	58.46	30.74	22.34	25.31	29.83	24.76	26.60

Barometer, range for month 761.9 — 755.0 mm.
,, 62-yr. average for month 758.84 mm.
Thermometer, range for month 32.7° — 21.1° C.
,, 62-yr. average for month 27.17° C.
Rain, total for month 0.0 mm.
,, , 62-yr. average for month 6.6 mm.
,, , total, from Sept. 1st 0.0 mm.
62-yr. average, total from Sept. 1st 6.6 mm.

*Summer time

SEPTEMBER 1942

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	15.5	18.5	18.5	17.4	60	54	76	63	9.3	336.0	
2	16.5	18.9	19.4	18.3	68	60	80	69	11.8	208.0	
3	17.1	21.1	21.0	19.7	68	62	85	72	11.6	152.0	
4	18.0	21.5	20.6	20.0	70	63	85	73	11.5	272.0	
5	17.2	20.3	19.7	19.1	59	60	79	66	11.7	180.8	
6	18.6	19.3	18.9	18.9	76	61	74	70	10.9	214.4	
7	19.3	20.5	20.3	20.0	73	62	82	72	8.9	192.0	
8	18.6	17.2	16.4	17.4	70	55	67	64	6.4	371.2	
9	15.2	17.4	15.6	16.1	62	55	67	61	10.6	504.0	
10	13.3	17.8	18.1	16.4	57	54	73	61	9.5	646.4	
11	16.8	15.4	14.2	15.5	68	52	63	61	7.8	672.0	
12	13.9	15.3	16.4	15.2	59	51	73	61	7.9	388.8	
13	14.7	15.8	16.4	15.6	64	51	75	63	10.0	259.2	
14	15.0	16.6	15.6	15.7	59	59	70	63	9.5	387.2	
15	14.3	17.7	17.0	16.3	61	58	70	63	9.7	344.0	
16	16.0	19.4	19.5	18.3	69	61	77	69	10.0	356.8	
17	14.8	16.2	17.7	16.9	59	55	75	63	9.0	296.0	
18	18.3	18.1	18.2	18.2	77	59	73	70	9.6	304.0	
19	18.5	17.9	18.5	18.3	69	58	83	70	9.6	240.0	
20	15.5	18.2	18.5	17.4	69	55	83	69	9.6	248.0	
21	16.7	19.4	18.6	18.6	76	62	88	75	9.4	368.0	
22	17.4	18.9	18.8	18.4	78	61	87	75	9.0	358.4	
23	17.1	18.4	18.1	17.9	77	59	83	73	9.1	377.6	
24	16.9	17.7	18.3	17.6	76	59	83	73	10.0	284.8	
25	16.6	18.7	18.8	18.0	75	67	87	76	9.3	160.0	
26	18.3	18.6	18.5	18.5	83	64	84	77	9.4	224.0	
27	17.3	18.3	17.8	17.8	75	58	78	70	9.0	392.0	
28	16.9	18.0	18.2	17.7	69	59	80	69	8.6	480.0	
29	14.6	18.5	18.3	17.1	66	62	83	70	8.8	326.4	
30	18.0	19.0	18.0	18.3	79	62	79	73	8.8	513.6	
	16.56	18.34	18.16	17.68	69.0	58.6	78.0	68.4	9.54	335.25	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

SEPTEMBER 1942
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cu	1cu	1cu	2.3	2sw	3sw	1w	calm	
2	0	0	1cu	0.3	0	2nw	0	„	
3	0	1cu	0	0.3	1sw	1nw	0	„	
4	0	0	0	0.0	1sw	2nw	0	„	
5	0	1cu	0	0.3	1sw	1nw	1nw	„	
6	0	0	7cu	2.3	0	1nw	0	calm	
7	2cu	2cu	0	1.3	1nw	2nw	0	„	
8	0	5cu	7cu	4.0	0	2nw	1w	„	
9	10cu	3cu	1cu	4.7	2sw	3sw	3sw	„	
10	0	0	0	0.0	2sw	3sw	2sw	„	
11	2cu	1cu	3cu	2.0	3sw	4w	2sw	light	W. & light rain
12	3cu	1cu	0	1.3	2s	2sw	0	calm	shower at a.m.
13	0	1cu	0	0.3	2sw	2sw	0	„	
14	0	0	0	0.0	0	2nw	0	light	
15	0	0	0	0.0	1e	2nw	3ne	„	
16	0	0	0	0.0	0	1nw	2nw	calm	
17	0	0	0	0.0	1nw	1n	2nw	„	
18	0	0	0	0.0	1nw	2nw	1nw	„	
19	0	0	0	0.0	1n	1nw	0	„	
20	0	0	0	0.0	0	1n	0	„	
21	0	0	0	0.0	2sw	2sw	0	calm	
22	0	1cu	0	0.3	2sw	2sw	1sw	„	
23	0	0	0	0.0	1sw	2sw	0	„	
24	1cu	0	0	0.3	1sw	2sw	0	„	
25	0	0	0	0.0	1sw	0	0	„	H a.m. & M. p.m.
26	0	0	0	0.0	1nw	2nw	0	calm	
27	0	0	0	0.0	1sw	2sw	1sw	„	
28	0	1cu	0	0.3	2sw	2sw	0	„	
29	0	0	0	0.0	1sw	2w	0	„	
30	0	0	0	0.0	2sw	3sw	2sw	„	
			0						

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	0	1	0	1	16	1	4	6	30
14:30	2	0	0	0	0	12	2	13	1	30
20:30	0	1	0	0	0	6	2	4	17	30
Totals	3	1	1	0	1	34	5	21	24	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 1.2 days